

FIGURE 1a: pH Sensitivity of PEAAC-62K

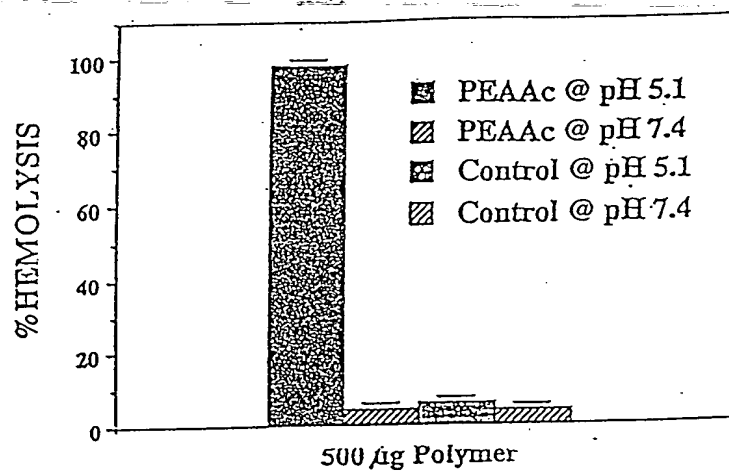


FIGURE 1b: pH Sensitivity of PPAAC

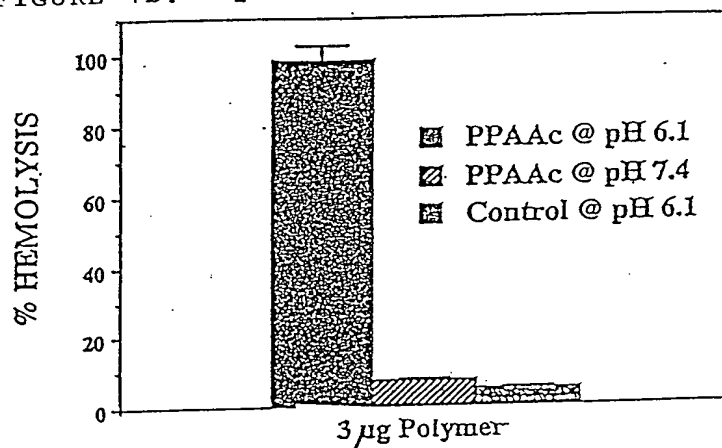


FIGURE 1c: COMPARISON OF PPAAC WITH PEAAC

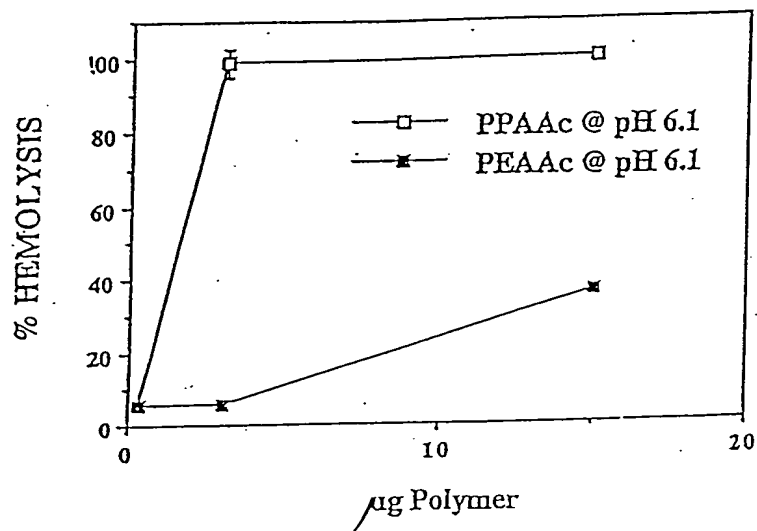


FIGURE 1d:

# HEMOLYSIS BY PBAAc

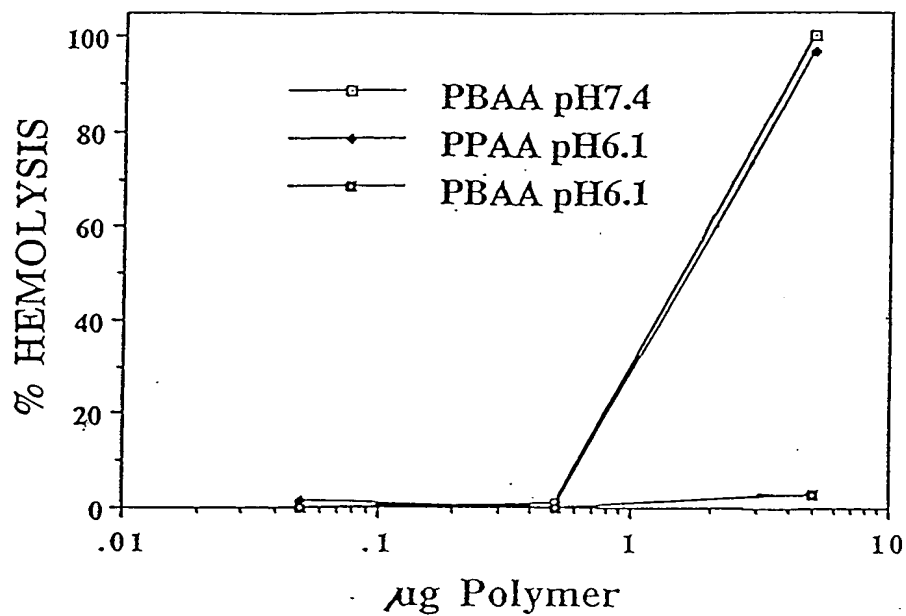


FIGURE 1e: Hemolysis by EA-AAc Copolymer

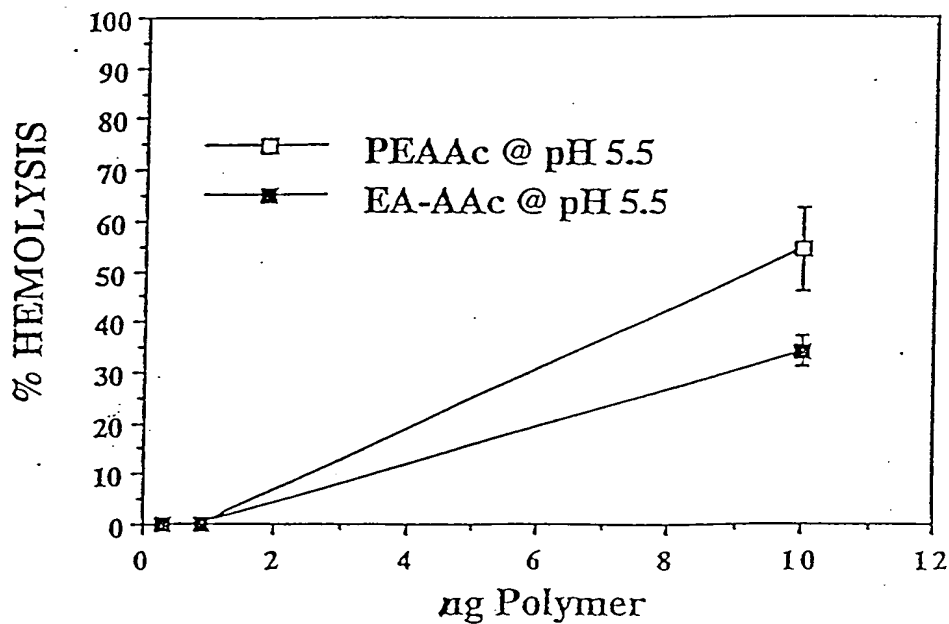


EXHIBIT 1f: **Effect of concentration on RBC hemolysis by AAc/PA\* random copolymers (at pH 5.5)**

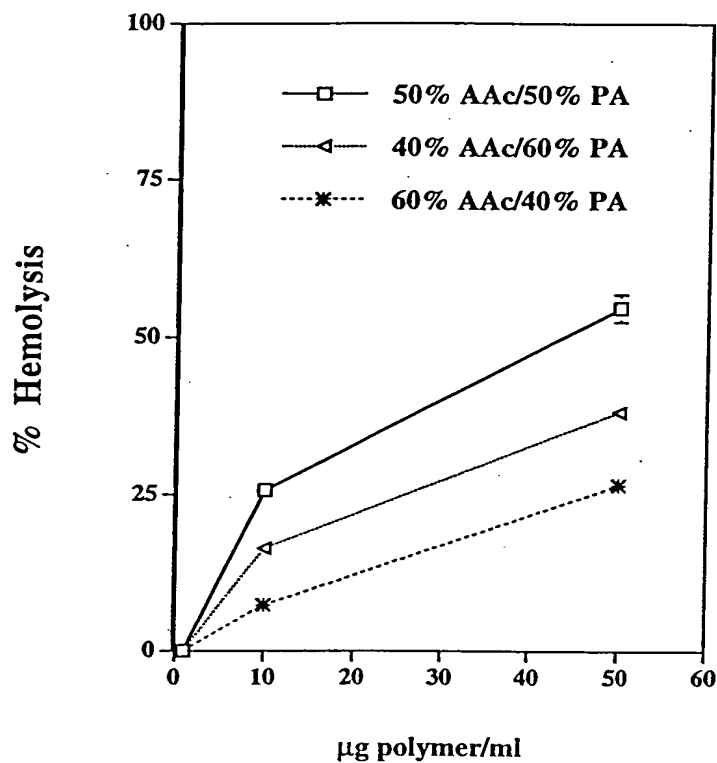


EXHIBIT 1g: **Effect of concentration on RBC hemolysis by AAc/BA\* random copolymers (at pH 5.5)**

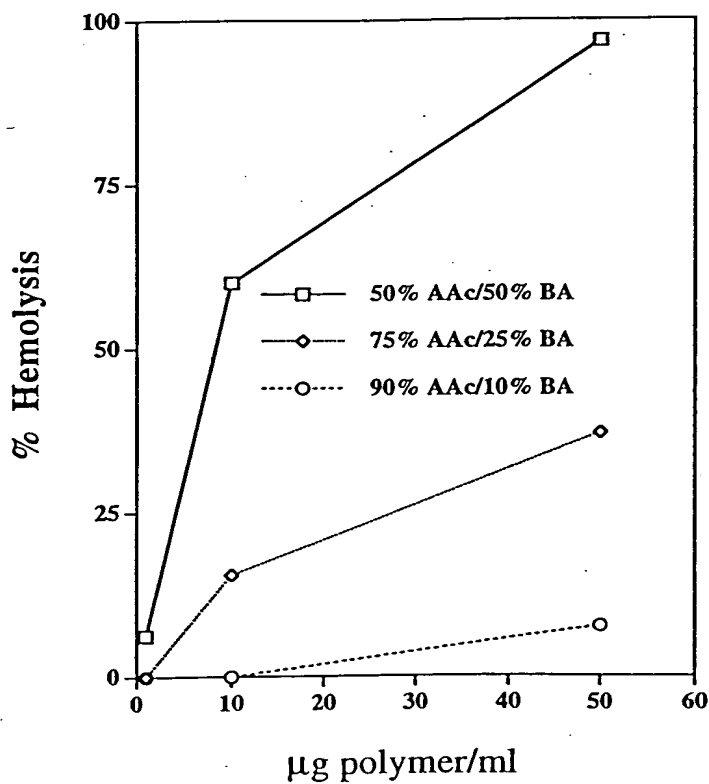


FIGURE 2 : Hemolysis of  $10^7$  Red Blood Cells by GALA/PAA conjugate vs. GALA peptide

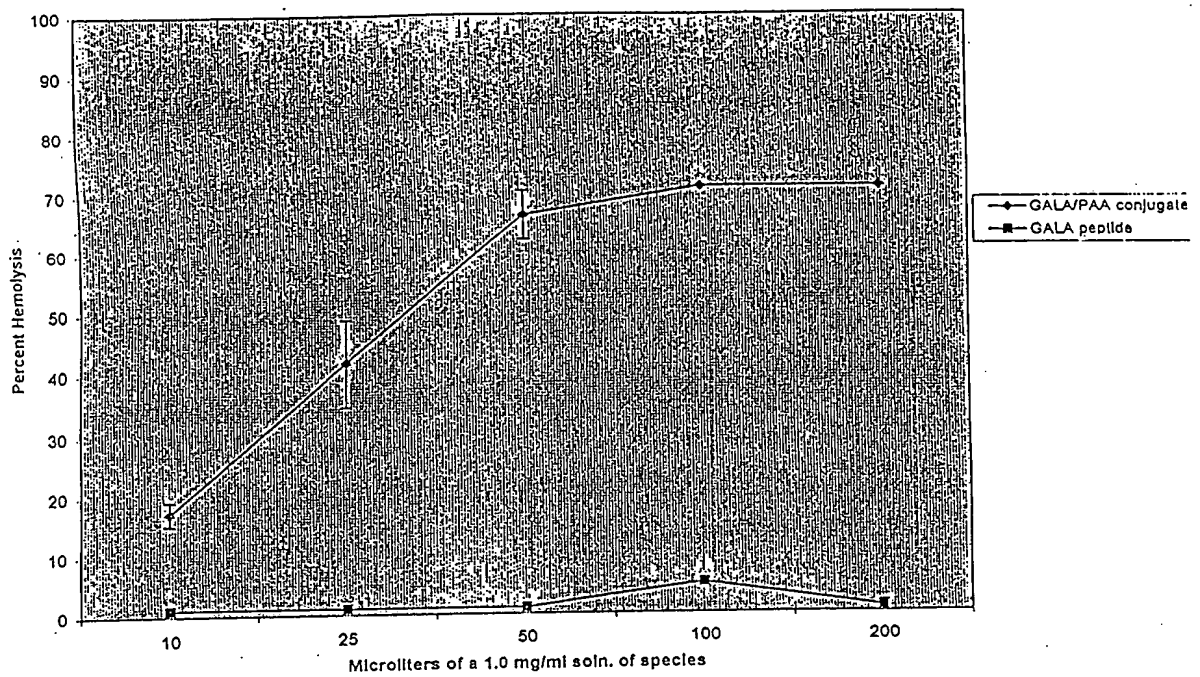


FIGURE 3 : IgG hemolysis  
1:2:20 (IgG:PEAA:EDC)

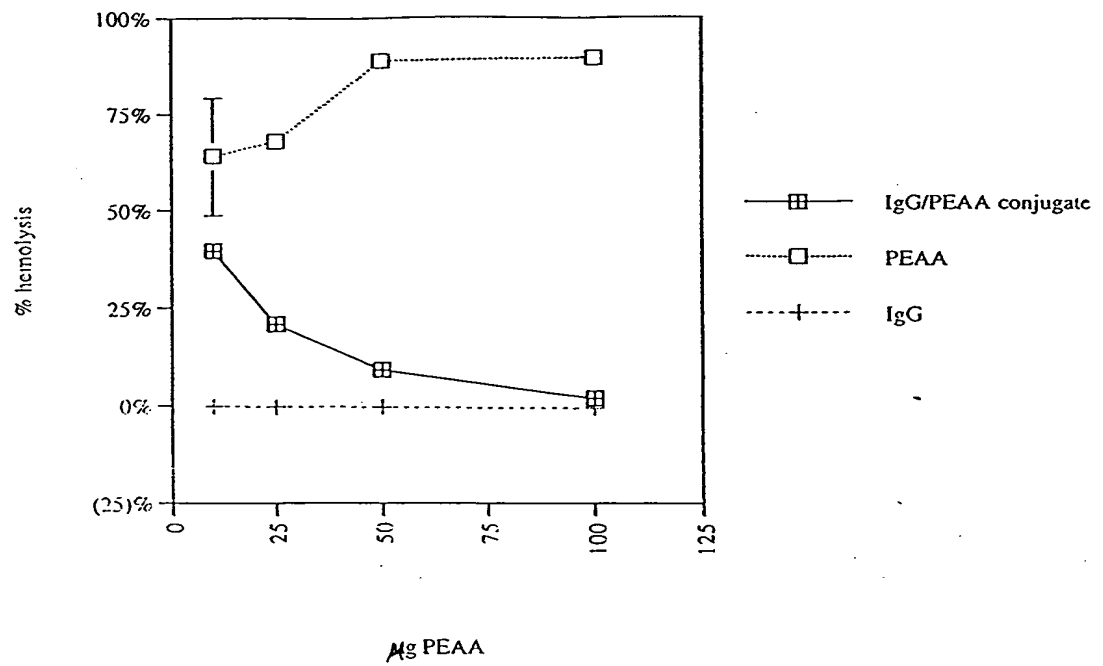


FIGURE 4a:  
Concentration dependence of hemolytic activity:

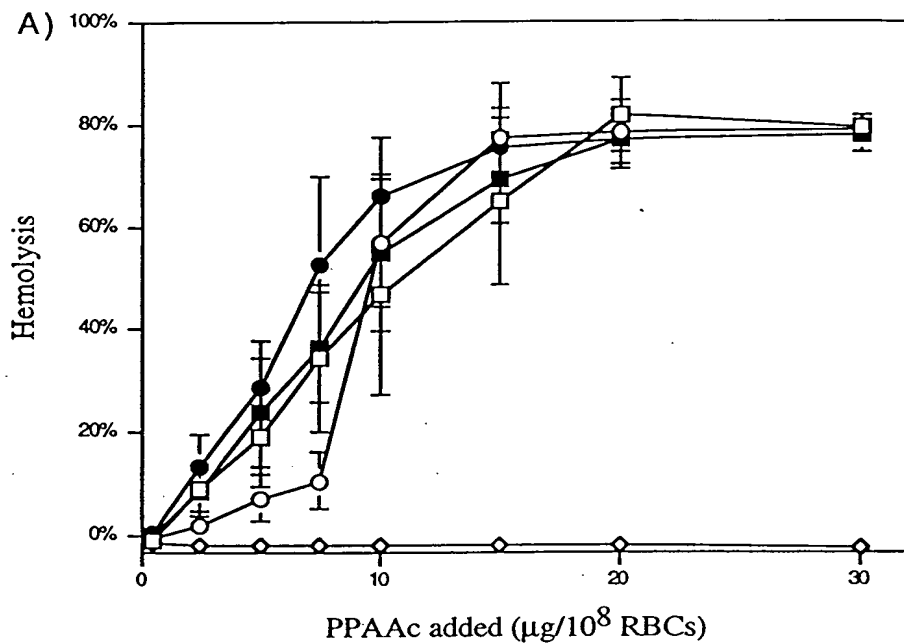


FIGURE 4b:

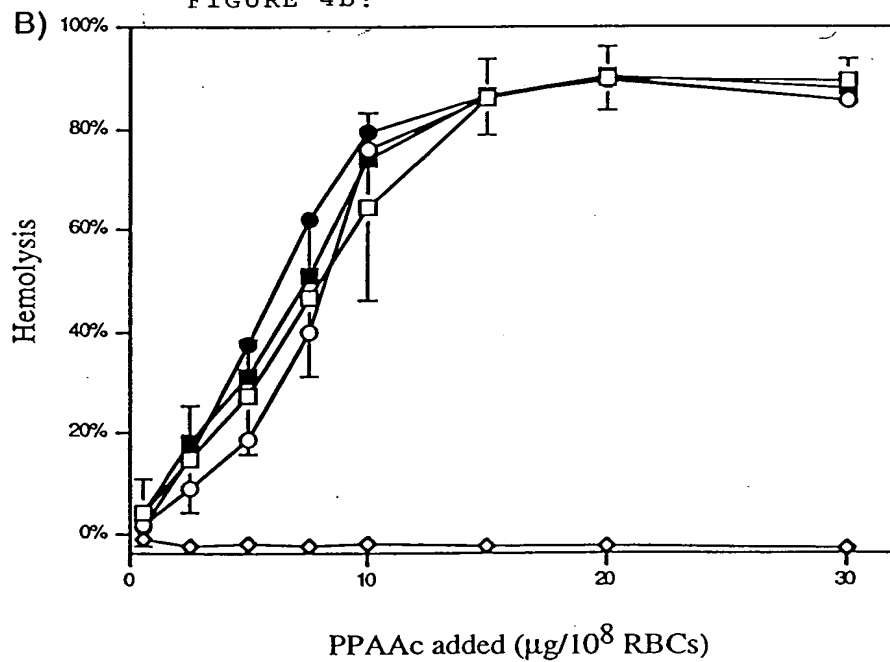


FIGURE 4c:

pH dependence of hemolytic activity

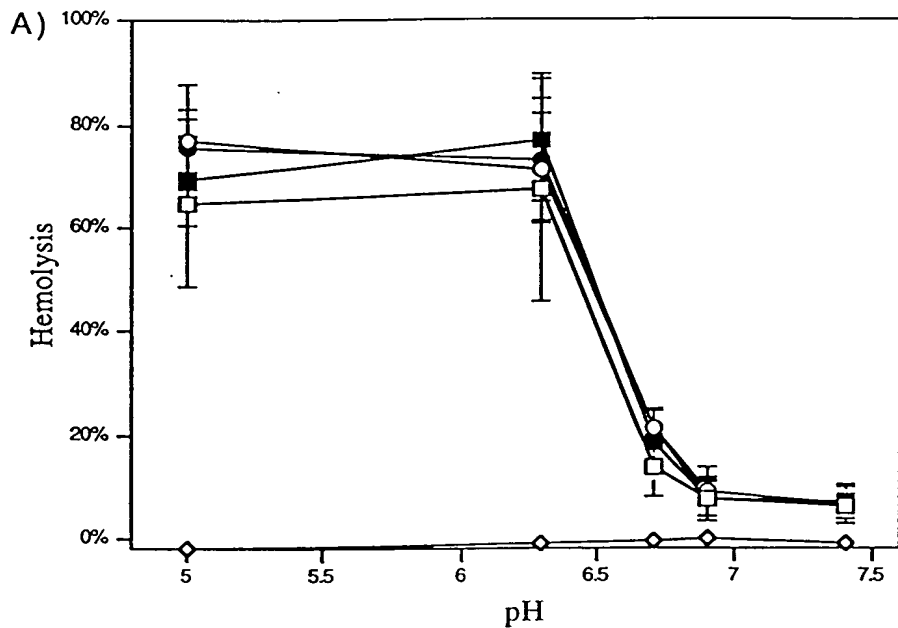


FIGURE 4d:

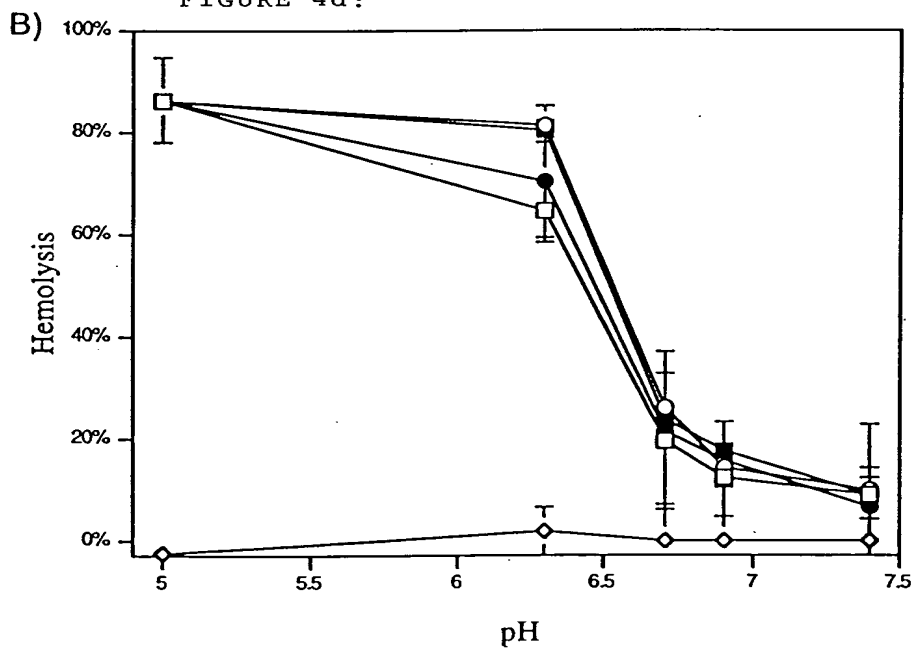


FIGURE 5:

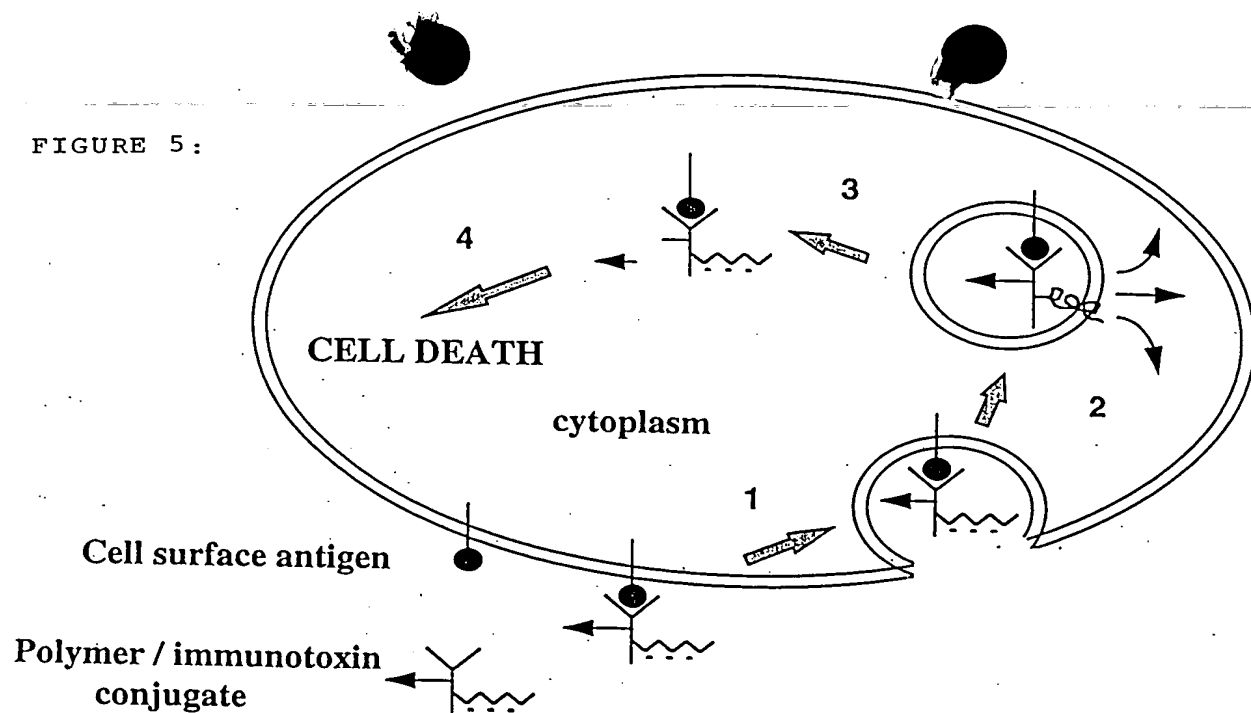


FIGURE 6:

### Enhancement of RTA toxicity by mixing with PPAAc

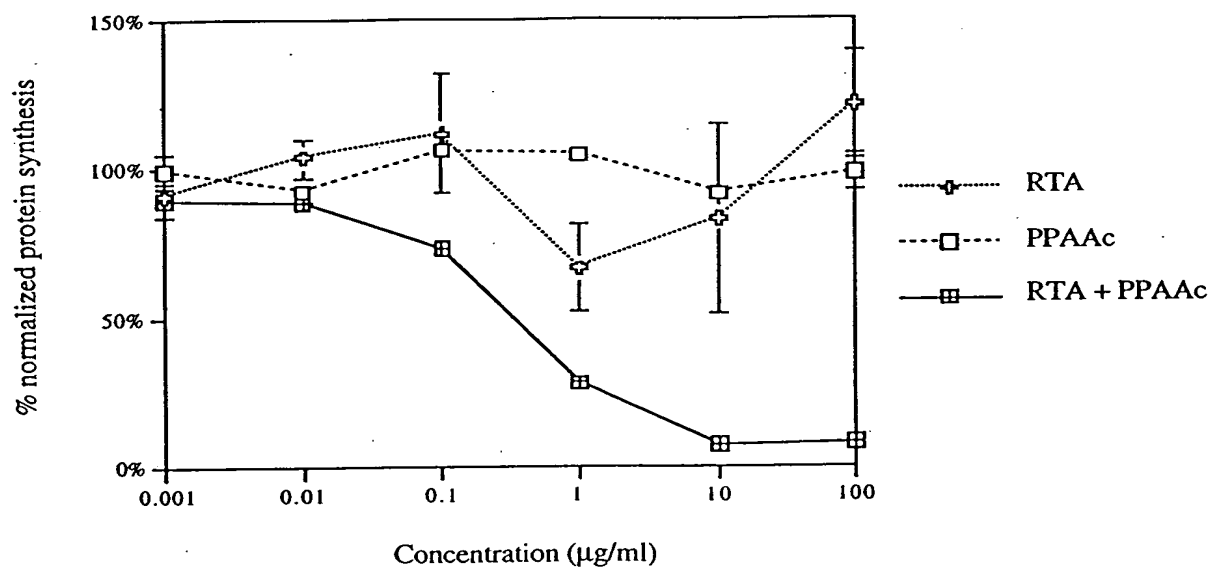


FIGURE 7a: PEAA/Ultrasound Hemolysis of Erythrocytes

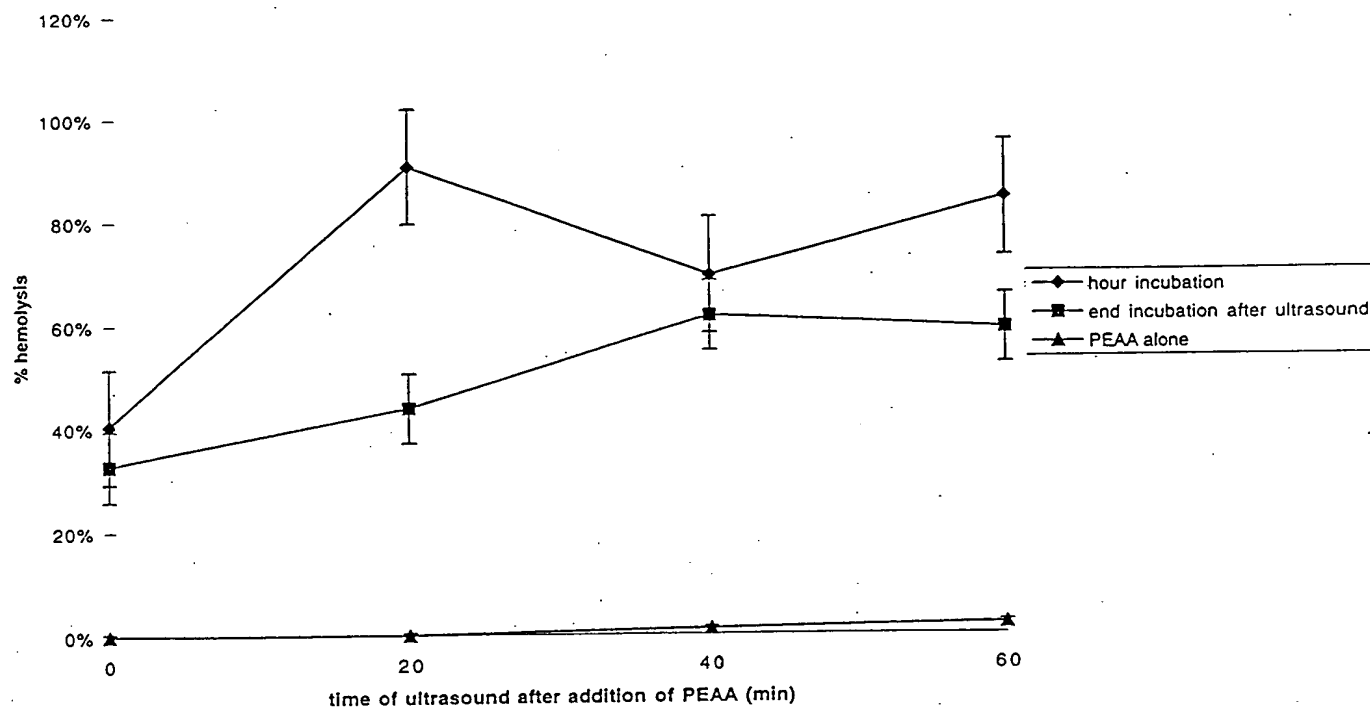
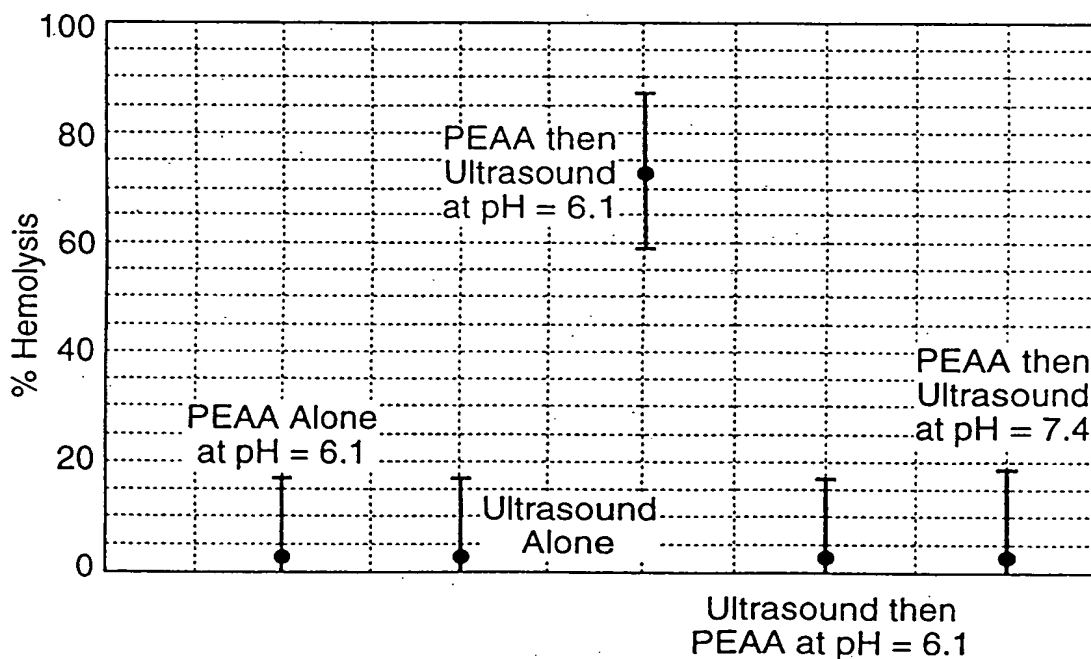


FIGURE 7b: Effect of Tone Burst Ultrasound in Combination with PEAA (poly-ethyl acrylic acid) on Hemolysis of Erythrocytes



Conformation of protein determines US/PEAA synergy